

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



a Z 5071  
.A3A5



United States  
Department of  
Agriculture

National  
Agricultural  
Library

Agricultural  
Issues Overview  
Number 6  
April 1984

---

# Wood As Energy

An Overview : Selected Information  
Sources



17025 a  
ZAEA.

# Wood As Energy

An Overview: Selected Information

Sources

U.S. Department of Energy  
Office of Energy Research and Development  
Washington, D.C. 20545  
1980





The products and services of the National Agricultural Library are available to U.S. Department of Agriculture personnel, the worldwide agricultural community, other Federal Government agencies, land-grant universities, and others with an interest in its resources.

Document Delivery Services: Books will be lent, in response to job-related requests, to all USDA employees. Photocopy of journal articles will be supplied in lieu of loan.

Non-USDA employees may request xerographic copy: \$3.00 for each 10 pages or fraction thereof, from a single article or book.

For further information about this Agricultural Issues Overview, contact Educational Resources Office, National Agricultural Library, USDA, Beltsville, MD 20705. Telephone: 301-344-3937.

Prepared by the staff of  
National Agricultural Library  
Joseph H. Howard, Director

The material presented in this Agricultural Issues Overview does not necessarily reflect the official policy or position of the U.S. Department of Agriculture.

## INTRODUCTION

This information package represents an effort on the part of the staff of the National Agricultural Library to assemble a variety of information about an important current topic. The lead essay prepared by a knowledgeable expert in the field discusses in some depth the specific issue.

**FROM THE LITERATURE** provides a representative sampling of literature available on the subject. Much of these materials were selected from the AGRICOLA database of the National Agricultural Library. An NAL call number is given for titles in the collections of the Library. The Library does not maintain a collection of audiovisual materials in this subject area. Sources are listed from which slide and filmstrips may be acquired.

The listings of **CURRENT RESEARCH** and **DEMONSTRATION PROJECTS** are taken from several databases. CRIS (Current Research Information System) is a computer based information storage and retrieval reporting system for publicly supported agricultural and forestry research in the United States. For further information contact Current Research Information Systems, NAL Building, Beltsville, MD 20705 (telephone 301-344-3850). Descriptions of demonstration projects were provided by the NARS (Narrative Accomplishment Reporting Systems) of the Extension Service, USDA, NAL Building, Beltsville, Md, 20705, telephone (301) 344-3750.

## **Agricultural Issues Overview**

**Number 6**

**April 1984**

<b>Contents</b>	<b><i>Selected Information Sources.....</i></b>	<b><i>1</i></b>
	<b><i>Published Sources.....</i></b>	<b><i>1</i></b>
	<b><i>Governmental Sources.....</i></b>	<b><i>2</i></b>
	<b><i>Non-Governmental.....</i></b>	<b><i>3</i></b>
	<b><i>Primary Journals.....</i></b>	<b><i>4</i></b>







## SELECTED INFORMATION SOURCES

### PUBLISHED SOURCES

#### Bibliographies

An excellent bibliography (146 items) is appended to an article on "Wood Energy in the United States," by Charles E. Hewitt, Colin J. High, Norman Marshall, and Robin Wildermuth in Annual Review of Energy, v. 6, 1981 (Palo Alto, Calif., Annual Reviews, Inc.).

Energy and Agriculture is a subfile of AGRICOLA (the database of the National Agricultural Library) consisting of over 3,000 citations. Many of the citations contain abstracts. The file covers generation, conservation, and use of energy by food and fiber sectors and the creation of energy by or for the agricultural community.

#### Directories

A list of associations, organizations, and Cooperative Extension Service contacts with full addresses and telephone numbers, which can provide useful information, is given in Appendix B of Ethanol Fuels Reference Guide; A Decision-maker's Guide to Ethanol Fuels. (Golden, Colo., Technical Information Branch, Solar Energy Research Institute, 1982. 240 p.). Available in print from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., and in microfiche from National Technical Information Service, U.S. Dept. of Commerce, 5285 Port Royal Road, Springfield, VA 22161. Sources should be selected with care.

The Bio-Energy Directory. Paul F. Bente, Jr., ed. Washington, D.C. The Bio-Energy Council. 1, 1978. Reports significant activities in the United States and abroad on the development and use of biomass as a readily available resource which can be used to supplement conventional energy supplies. It presents a comprehensive accounting of the various technologies that are being investigated and actually used.

## GOVERNMENTAL SOURCES

The Office of Energy in the U.S. Department of Agriculture serves as the focal point for information on agricultural energy and related programs within the Department. The office is responsible for developing and coordinating all USDA energy policies and programs and providing liaison with the U.S. Department of Energy. Write or telephone:

Energy  
Room 144-E, Admin. Bg.  
U.S. Department of Agriculture  
14th & Independence Ave., S.W.  
Washington, D.C. 20250  
202 447-2634

Information on energy assistance programs is provided by local or State offices of the following U.S. Department of Agriculture agencies:

### Agricultural Stabilization and Conservation Service

(administers specified commodity and related land use programs designed for voluntary production adjustment, resource protection, and price, market, and farm income stabilization.)

### Extension Service

(conducts educational programs to help the public learn about and apply to everyday activities the latest technology and management knowledge development through research by the land-grant universities, the U.S. Department of Agriculture, and other sources. There is a program for energy conservation.)

### Farmers Home Administration

(provides credit for those in rural America who are unable to get credit from other sources at reasonable rates and terms.)

### Forest Service

(is responsible for national leadership in forestry; among its objectives are promotion and achievement of a pattern of natural resource uses that will best meet the needs of people now and in the future.)

### Soil Conservation Service

(assists in agricultural pollution control, environmental improvement, and rural community development.)

The Energy Information Administration (EIA) is required under the Department of Energy organization act of 1977 to collect and distribute unbiased energy information to Congress and the public. The information is primarily national and international energy statistics on all major fuels. Contact:

National Energy Information Center, Room 1F-048  
Energy Information Administration  
1000 Independence Avenue, S.W.  
Washington, D.C.  
202 252-8000

The automated Federal Energy Data Index (FEDEX) contains energy statistical information.  
202 252-8853



#### Energy Extension Service

U.S. Department of Energy

Congress appropriated money which is distributed to State governors on a formula basis; 50% is distributed equally among all State governors and 50% is distributed to the States on basis of population. At the State level, the program is administered by the State Energy Office. In some States the program is contracted to private or public bodies. The Cooperative Extension Service is one of these bodies.

#### NON-GOVERNMENTAL

##### American Society of Agricultural Engineers

2950 Miles Road

St. Joseph, Michigan 49085

616 429-0300

##### Bio-energy Council

1625 Eye Street, N.W., Suite 825A

Washington, D.C. 20006

202 833-5656

##### Bio Energy Development Corporation

P.O. Box 1801

Hilo, HI 96720

808 935-9919

##### Brewer (C.) Company, Ltd.

P.O. Box 1826

Honolulu, HI 96805

##### Charles A. Berg Associates

RFD 1, Box 165

Bucksfield, ME 04220

207 336-2396

##### General Electric Company

Controlled Environment Agricultural Operation

Electronic Systems Division

Syracuse, NY 13221

315 456-7740

##### Institute of Gas Technology

3424 South State Street

Chicago, IL 60616

International Paper Company  
Southlands Experiment Forest  
Route 1, Box 571  
Bainbridge, GA 31717  
912 246-3642

Maine Audubon Society  
Gilsland Farm  
118 Old Route One  
Falmouth, ME 04105  
207 781-2330

National Fire Protection Association  
Batterymarch Park  
Quincey, MA 02269  
617 328-9290

New Colorado Associates  
P.O. Box 8986  
Denver, CO 80201  
303 893-5749

New Colorado Associates  
P.O. Box 8986  
Denver, CO 80201  
303 893-5749

#### PRIMARY JOURNALS

Alternative Energy Retailer. 1980 m. Zakin Publications, Inc., 70 Edwin Ave., P.O. Box 2180, Waterbury, CT 06722.

Information about wood heat for sellers of wood heating equipment.  
Features such as lists of installation, tested stoves, solar heating,  
and sizing a stove to a particular house.

Canadian Renewable Energy News. 2, 1979 m. Can \$10. CREN Publishing Ltd., Box 4869, Sta. E, Ottawa, Ont. K1S 5B4, Canada.

Monthly newspaper covering developments in wood and other renewal energy resources.

Energy Communications. 1975. 6/yr. \$68. Marcel Dekker Journals, 270 Madison Ave., N.Y., N.Y. 10016.

Extension Review. 1921. bi-m. \$3.60. U.S. Department of Agriculture, Extension Service, Washington, D.C. 20402.

Forest Farmer. 1941. m. (10/yr) \$20. Forest Farmers Association, Suite 380, 4 Executive Park East, N.E., Atlanta, GA 30347.



Forest Products Journal. 1947. m. \$45. Forest Products Research Society,  
2801 Marshall CT, Madison, WI 53705

Home Energy Digest & Wood Burning Quarterly. 1976. \$12.50.  
Investment Rarities Inc., 8009 34th Ave. South, Minneapolis, MN 55420.

Former titles: Wood Burning Quarterly and Home Energy Digest; Wood  
Burning Quarterly.

Journal of Forestry, 1902. m. \$20 to individuals; \$26 to institutions.  
Society of American Foresters, 5400 Grosvenor Lane, Bethesda, MD 20014.

National Wood Stove and Fireplace Journal. 1978. m. \$21. (free to  
qualified personnel) 10221 Slater Ave, Box 8006, Fountain Valley,  
CA 92708.

Organic Gardening. 1942. m. \$20 to individuals; \$26 to institutions.  
33 E. Minor St., Emmaus, PA 18049.

Timber Harvesting. 1953. m. \$8. Hatton Brown, Montgomery, AL 36104.

Unasylva; International Journal of Forestry and Forest Products. 1974.  
Q. \$8. Food and Agricultural Organization of the United Nations,  
Forestry Department. Distribution and Sales Section, Via delle Terme  
di Caracalla, 00100 Rome, Italy

Wood 'N Energy. 1980. m. New Hampshire Times, Box 2008, 13 Depot St.,  
Concord, NH 03301.

Particular emphasis on new products, trends, technology of  
burning wood, efficiency, and safety.

Wood and Fiber. 1969. Q. \$35. Society of Wood Science and Technology.  
Box 5062, Madison, WI 53705.

